Online Examinations (Even Sem/Part-I/Part-II Examinations 2020 - 2021)

Course Name - –Computer Hardware Maintenance II
Course Code - DCSE605A

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◯ M.SC.(MATH)

◯ M.SC.(MB)

◯ MCA

◯ M.SC.(MSJ)

◯ M.SC.(AM)

◯ M.SC.CS)

◯ M.SC.(ANCS)

◯ M.SC.(MM)

◯ B.A.(Eng)

Answer all the questions. Each question carry one mark.

9.   1.What troubleshooting device would you use if you needed to trace a cable through a wall?

Mark only one oval.

◯ Toner probe

◯ Cable tester

◯ Multimeter

◯ Loopback plug

10.　　2.Identify false statement

Mark only one oval.

⬭ You can find deleted files in recycle bin

⬭ You can restore any files in recycle bin if you ever need

⬭ You can increase free space of disk by sending files in recycle bin

⬭ You can right click and choose Empty Recycle Bin to clean it at once

11.　　3.Which of this is not a network edge device?

Mark only one oval.

⬭ PC

⬭ Smartphones

⬭ Servers

⬭ Switch

12.　　4.Which of the following statements about power supplies is true?

Mark only one oval.

⬭ You must make sure the voltage selector switch on the back of the power supply is switched to the lower setting if the computer is going to be used in Europe.

⬭ SATA hard drives most often use the same type of power connector PATA hard drives use.

⬭ Power supplies supply power to ATX-based motherboards with connectors known commonly as P8 and P9.

⬭ Molex connectors are used with PATA hard drives, while Berg connectors are used with floppy drives.

13. 5.Which types of printers are referred to as page printers because they receive their print job instructions one page at a time?

Mark only one oval.

◯ Daisy wheel

◯ Dot matrix

◯ Laser

◯ Thermal

14. 6.What devices transfer packets across multiple networks and use tables to store network addresses to determine the best destination?

Mark only one oval.

◯ Routers

◯ Bridges

◯ Hubs

◯ Switches

15. 7.A hard disk is divided into tracks which are further subdivided into:

Mark only one oval.

◯ clusters

◯ sectors

◯ vectors

◯ heads

16.   8.Actual equipment of computer system that can be touched are

Mark only one oval.

◯ hardware

◯ software

◯ applications

◯ bugs

17.   9.Which technology is based on flash memory and is intended to eventually replace conventional hard disk drives that have moving discs and other mechanisms?

Mark only one oval.

◯ USB flash drives

◯ Memory cards

◯ Solid-state drives

◯ Optical drives

18.   10.Which of the following is it possible to do with multimonitor settings?

Mark only one oval.

◯ Connect multiple monitors to your computer only by using a graphics adapter with two video interfaces.

◯ Cause two different Desktops to merge onto the same monitor.

◯ Connect two laptops together so they display the same Desktop.

◯ Display different parts of your Desktop on different monitors.

19.   11.Which IEEE 802 standard defines a bus topology using coaxial baseband cable and is able to transmit at 10Mbps?

Mark only one oval.

⬭ 802.1

⬭ 802.2

⬭ 802.3

⬭ 802.5

20.   12.You are setting up a small network that will not connect to the Internet. You want computers to be able to locate each other by using hostnames. What service will do this?

Mark only one oval.

⬭ DNS

⬭ DHCP

⬭ FTP

⬭ APIPA

21.   13.Which of the following memory unit that processor can access more rapidly

Mark only one oval.

⬭ Main Memory

⬭ Virtual Memory

⬭ Cache memory

⬭ Read Only Memory

22. 14.Which of the following have Intel and AMD integrated into their Atom and Fusion processor lines that hasn't been integrated before?

Mark only one oval.

○ A GPU

○ A math coprocessor

○ The frontside bus

○ The memory controller

23. 15.When approaching an older LCD panel from the side, you don't realize there is actually an image displayed on it until you are almost in front of it. Which two options might explain why you could not detect the image from the side?

Mark only one oval.

○ Older LCDs were equipped with a motion sensor.

○ Multiple monitors are in use, and the LCD is the secondary monitor, resulting in its poor oblique visibility.

○ The user has a privacy filter in place. It is a passive-matrix LCD panel.

○ The monitor employs active-matrix pixel addressing.

24. 16.What part of a laser printer supplies the voltages for the charging and transfer corona assemblies?

Mark only one oval.

○ High-voltage power supply (HVPS)

○ DC power supply (DCPS)

○ Controller circuitry

○ Transfer corona

25. 17.What are two advantages that TCP has over UDP?

Mark only one oval.

◯ Acknowledged delivery

◯ Faster delivery

◯ Lower overhead

◯ Virtual memory

26. 18.When installing PCI NICS you can check the IRQ availability by looking at

Mark only one oval.

◯ dip switches

◯ CONFIG.SYS

◯ jumper settings

◯ motherboard BIOS

27. 19.To avoid software-based virtualization, which two components need to support hardwarebased virtualization?

Mark only one oval.

◯ Memory & Hard Drive

◯ CPU & BIOS

◯ RAM & ROM

◯ All of the mentioned

28.   20.Which statement about LCDs is most accurate?

Mark only one oval.

◯ The concept of refresh rate has no meaning with regard to LCDs.

◯ LCDs are preferred to CRTs because they can display a larger range of resolutions.

◯ LCDs tend not to be as clear as CRTs.

◯ LCDs require more power than CRTs.

29.   21.Which TCP/IP protocol uses port 80?

Mark only one oval.

◯ HTTP

◯ HTTPS

◯ Telnet

◯ POP3

30.   22.Which of the following is program group?

Mark only one oval.

◯ Accessories

◯ Paint

◯ Word

◯ All of the mentioned

31.   23.Which of the following is a socket technology that is designed to ease insertion
       of modern CPUs?

       Mark only one oval.

       ◯ Socket 479

       ◯ ZIF

       ◯ LPGA

       ◯ SPGA

32.   24.On the primary IDE channel, if a single hard disk is attached, its jumper should
       be set to _____.

       Mark only one oval.

       ◯ Slave

       ◯ Single if available, otherwise Master

       ◯ Master

       ◯ Boot

33.   25.Any printer that uses the electrophotographic process contains how many
       standard assemblies?

       Mark only one oval.

       ◯ Five

       ◯ Six

       ◯ Four

       ◯ Nine

34.   26.Which tool is used by technicians to connect an RJ-45 connector to the end of
        a cable?

Mark only one oval.

( ) Punch-down tool

( ) Crimper

( ) Cable tester

( ) Loopback plug

35.   27.You should save your computer from?

Mark only one oval.

( ) Viruses

( ) Time bombs

( ) Worms

( ) All of the mentioned

36.   28.none of the mentionenone of the mentioned d

Mark only one oval.

( ) Tape

( ) Optical disc

( ) External hard drive

( ) Floppy diskette

37. 29.Which type of printers can be used with multipart forms?

Mark only one oval.

○ Bubble-jet printers

○ Laser printers

○ Thermal printers

○ Dot-matrix printers

38. 30.Which of the following wireless communication standards is often described in terms of a wireless personal area network?

Mark only one oval.

○ Bluetooth

○ Infrared

○ Cellular

○ Ethernet

39. 31.ESD would cause the most damage to which component?

Mark only one oval.

○ Power supply

○ Expansion board

○ Monitor

○ Keyboard

40.   32.Line printer, a voice synthesizer and computer terminal screen are classic examples of

Mark only one oval.

⚪ logic circuit devices

⚪ analogue circuit devices

⚪ AND gate devices

⚪ output devices

41.   33.Which optical disc format supports a data capacity of 25GB?

Mark only one oval.

⚪ Double-sided, double-layer DVD+R

⚪ Single-sided, single-layer Blu-ray disc

⚪ Double-sided, single-layer DVD-R

⚪ Double-sided, single-layer DVD+R

42.   34.Which of the following resolutions is an example of a 16:10 aspect ratio?

Mark only one oval.

⚪ 1280x1024

⚪ 1920x1200

⚪ 800x600

⚪ 2048x1536

43. 35._____ is the type of media access method used by NICs that listen to or sense the cable to check for traffic and send only when they hear that no one else is transmitting.

Mark only one oval.

◯ Token passing

◯ CSMA/CD

◯ Demand priority

◯ CSMA/CA

44. 36.What could cause a fixed disk error.

Mark only one oval.

◯ No-CD installed

◯ bad ram

◯ slow processor

◯ Incorrect CMOS settings

45. 37.Scheduling is

Mark only one oval.

◯ allowing jobs to use the processor

◯ unrelated to performance consideration

◯ not required in uniprocessor systems

◯ the same regard-less of the purpose of the system

46.　38.What type of expansion slot is preferred today for high-performance graphics adapters?

Mark only one oval.

◯ AGP

◯ PCIe

◯ PCI

◯ ISA

47.　39.After a presentation using a video projector, when in a hurry to pack everything up and head to the airport, which of the following should you avoid doing immediately?

Mark only one oval.

◯ Unplugging the projector's power cable

◯ Unplugging the projector's video cable from your laptop

◯ Powering down the projector

◯ Turning off your laptop

48.　40.Which step in the laser printer printing process occurs immediately after the writing phase?

Mark only one oval.

◯ Charging

◯ Fusing

◯ Transferring

◯ Developing

49.   41.You are manually configuring a TCP/IP host. Another administrator gives you the router's IP address. What is the TCP/IP term for this?

Mark only one oval.

○ Default gateway

○ Subnet mask

○ DNS server

○ DHCP server

50.   42.Virtual memory is

Mark only one oval.

○ simple to implement

○ used in all major commercial operating systems

○ less efficient in utilization of memory

○ useful when fast I/O devices are not available

51.   43.Your Core i5 fan has a four-pin connector, but your motherboard only has a single 3-pin header with the CPU_FAN label. Which of the following will be the easiest solution to get the necessary cooling for your CPU?

Mark only one oval.

○ Plug the four-pin connector into the three-pin header.

○ Buy an adapter.

○ Leave the plug disconnected and just use the heat sink.

○ Add an extra chassis fan.

52.   44.Which video technology has a resolution of 1280x1024?

Mark only one oval.

( ) SVGA

( ) Option 2

( ) WSXGA

( ) UXGA

53.   45,What happens during the developing stage of laser printing?

Mark only one oval.

( ) An electrostatic charge is applied to the drum to attract toner particles.

( ) Heat is applied to the paper to melt the toner.

( ) The laser creates an image of the page on the drum.

( ) An electrostatic charge is applied to the paper to attract toner particles.

54.   46.The workstations on your network are configured to use a DHCP server. One of the workstations can't communicate with other computers. Its IP address is 169.254.1.18. What could be the problem?

Mark only one oval.

( ) The subnet mask is wrong.

( ) It has a private IP address.

( ) The default gateway is wrong.

( ) It can't reach the DHCP server.

55.   47.Which is not application software?

Mark only one oval.

⬭ Windows NT

⬭ Page Maker

⬭ WinWord XP

⬭ Photoshop

56.   48.Which of the following is used to store data and programs for repeated use?
      Information can be added and deleted at will, and it does not lose its data when
      power is removed.

Mark only one oval.

⬭ Hard drive

⬭ RAM

⬭ Internal cache memory

⬭ ROM

57.   49.When replacing a power supply, which of the following tends to vary among
      power supplies and must be chosen properly to support all connected devices?

Mark only one oval.

⬭ bubble

⬭ Voltage

⬭ Amperage

⬭ Resistance

58.   50.What type of coaxial cable is recommended for digital television cable signals?

Mark only one oval.

◯ RG-6

◯ RG-8

◯ RG-58

◯ RG-59

59.   51.World Wide Web is being standard by

Mark only one oval.

◯ Worldwide corporation

◯ W3C

◯ World Wide Consortium

◯ World Wide Web Standard

60.   52.Which packaging is used for DDR SDRAM memory?

Mark only one oval.

◯ 168-pin DIMM

◯ 72-pin SIMM

◯ 184-pin DIMM

◯ RIMM

61. 53.Which of the following platter spin rates is not commonly associated with conventional magnetic hard disk drives?

Mark only one oval.

○ 5400 rpm

○ 7200 rpm

○ 10200 rpm

○ 15000 rpm

62. 54.Which of the following are page-description languages?

Mark only one oval.

○ Page Description Language (PDL)

○ Printer Control Language (PCL)

○ PageScript

○ Description Script

63. 55.If you are going to run a network cable in the space above the drop ceiling in your office, which type of cable should you use?

Mark only one oval.

○ Plenum

○ PVC

○ Coaxial

○ Fiber-optic

64.   56.Which peripheral port provides the FASTEST throughput to laser printers?

Mark only one oval.

◯ RS-232

◯ SCSI

◯ Parallel

◯ Serial

65.   57.The first Network

Mark only one oval.

◯ ASAPNET

◯ NSFNET

◯ CNNET

◯ ARPANET

66.   58.Of the following voltage pairings, which one accurately represents the input and output, respectively, of power supplies and AC adapters?

Mark only one oval.

◯ AC in, AC out

◯ DC in, DC out

◯ AC in, DC out

◯ DC in, AC out

67. 59.What is the unit of measure used by manufacturers of projectors to indicate the brightness of their product?

Mark only one oval.

- ⬭ Lux
- ⬭ Lumens
- ⬭ Watts
- ⬭ Candelas

68. 60.A physical star topology consists of several workstations that branch off a central device called a _____ .

Mark only one oval.

- ⬭ NIC
- ⬭ Bridge
- ⬭ Router
- ⬭ Hub

69. 61.With respect to a network interface card, the term 10/100 refers to

Mark only one oval.

- ⬭ protocol speed
- ⬭ a fiber speed
- ⬭ megabits per seconds
- ⬭ minimum and maximum server speed

70. 62.Devices that accepts data from outside computer and transfer into CPU are called

Mark only one oval.

- ( ) input devices
- ( ) digital devices
- ( ) truth table peripherals
- ( ) analogue devices

71. 63.Which of the following is not one of the three major components of a hard disk drive system?

Mark only one oval.

- ( ) Drive interface
- ( ) Controller
- ( ) Hard disk
- ( ) Host adapter

72. 64.Which of the following results can occur with improper display settings?

Mark only one oval.

- ( ) The computer spontaneously reboots.
- ( ) The graphics adapter automatically chooses to use the highest supported resolution.
- ( ) You might have to scroll to see parts of the Desktop.
- ( ) The mouse cursor changes or permanently disappears.

73. 65.Which of the following most accurately describes how to obtain a firmware upgrade for your laser printer?

Mark only one oval.

◯ bubbleDownload the firmware upgrade for free from the manufacturer's website.

◯ Pay to download the firmware upgrade from the manufacturer's website.

◯ Have a certified laser printer technician come to your site and install a new firmware chip.

◯ Contact the manufacturer of the printer, and they will send you the firmware upgrade on a CD.

74. 66.Which protocol was developed to be a secure alternative to Telnet?

Mark only one oval.

◯ SMB

◯ SSH

◯ SNMP

◯ SFTP

75. 67.Booting means

Mark only one oval.

◯ Restarting computer

◯ Installing program

◯ Removing errors

◯ Switch off

76.   68.Which of the following allows you to perform the most complete restart of the computer without removing power?

Mark only one oval.

⬭ Start -> Restart

⬭ Start -> Hibernate

⬭ Reset button

⬭ Power button

77.   69.What is contrast ratio?

Mark only one oval.

⬭ The ratio of luminance between the darkest and lightest colors that can be displayed

⬭ A term that was used with CRTs but has no meaning with LCDs

⬭ The ratio of luminance between two adjacent pixels

⬭ Something that can be corrected through degaussing

78.   70.You have just installed a new printer. After it is installed, it prints only garbled text. Which of the following is likely the problem?

Mark only one oval.

⬭ Wrong IP address

⬭ Worn print head

⬭ Incorrect print drivers

⬭ Unsupported printer

Google Forms